



Please use a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/045,292
				Filing Date	18-Oct-2001
				First Named Inventor	Stuyver, Lieven J. <i>et al.</i>
				Group Art Unit	N/A
Sheet	1	of	1	Attorney Docket Number	PHA 1020 US

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document DD-MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number	Kind Code ² (if known)				
TM	AA	WO	9818324		Loeb, L. A.; Mullins, J.I; Univ. Washington	07.05.98		
TM	AB	JP	61-130299		Daikin Kogyo	18.06.86		
TM	AC	WO	01/60315A		BioChem Pharma	23.08.01		
TM	AD	WO	02/18404A		Hoffmann La Roche	07.03.02		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
TM	AE	LOCKSHIN, Arnold et al; "Selective cytotoxicity of 5-hydroxyuridine for human colon adenocarcinoma cells", Cancer Treatment Reports (July/August 1985), 69 (7-8), 845-9	
TM	AF	DOLLINGER, Malin R. et al: "Analogues of 1-D-arabinofuranosylcytosine. Studies on mechanisms of action in Burkitt's cell culture and mouse leukemia, and in vitro deamination studies", Biochemical Pharmacology (1967), 16(4), 689-706	
TM	AG	HOSHINO, Jiro, et al: "Suppression of nuclear ADP-ribosyltransferase activity in Ehrlich ascites tumor cells by 5-azacytidine and its analogs", Biochemical and Biophysical Research Communications (Jan. 1987), 142(2), 468-7	

Examiner Signature	/Traviss McIntosh III/ (12/27/2006)	Date Considered	12/27/2006
-----------------------	-------------------------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAR 21 2002				Complete if Known	
				Application Number	10/045,292
				Filing Date	18 October 2001
				First Named Inventor	Stuyver, L.J. et al
				Group Art Unit	
Sheet	1	of	3	Attorney Docket Number	08841.105024

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
TM /	AA	ALI et al., <u>Tetrahedron Letters</u> , 1990, 31, 1509, Pergamon Press, Great Britain.	
TM /	AB	CHU et al., <u>J. Heterocycl. Chem.</u> , 1980, 17, 1435.	
TM /	AC	DUSCHINSKY et al., <u>J. Med. Chem.</u> , 1967, 10, 47.	
TM /	AD	HUANG, G.-F. et al. <u>J. Carbohyd. Nucleosides Nucleotides</u> , 1978, 5, 317.	
TM /	AE	IKEHARA, M. et al. <u>Chem. Pharm. Bull.</u> , 1967, 15, 94.	
TM /	AF	KABAT et al., <u>J. Med. Chem.</u> , 1987, 30, 924.	
TM /	AG	KANEKO, M. et al. <u>Chem. Pharm. Bull.</u> 1972, 20, 635.	
TM /	AH	KAZIMIERCZUK, Z. et al. <u>J. Am. Chem. Soc.</u> , 1984, 106, 6379.	
TM /	AI	LEE, W. W. et al. <u>J. Am. Chem. Soc.</u> , 1961, 83, 1906.	
TM /	AJ	LIN, T. S. et al. <u>J. Med. Chem.</u> , 1991, 34, 693.	
TM /	AK	LOHMANN, V. et al. <u>Virology</u> , 108, 1998, Academic Press.	
TM /	AL	MARUMOTO, R. et al. <u>Chem. Pharm. Bull.</u> 1974, 22, 128.	
TM /	AM	MENDEZ, E. et al. <u>J. Virol.</u> 1998, 72, 4737.	

Examiner Signature	/Traviss McIntosh III/ (12/27/2006)	Date Considered	12/27/2006
--------------------	-------------------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/045,292
				Filing Date	18 October 2001
				First Named Inventor	Stuyver, L.J. et al
				Group Art Unit	
Sheet	2	of	3	Attorney Docket Number	08841.105024

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
TM /	BA	NIEDBALLA, U. et al. <u>J. Org. Chem.</u> , 1976, 41, 2084	
TM /	BB	OZOLS, A. M. et al. <u>Synthesis</u> , 1980, 557.	
TM /	BC	PANKIEWICZ, K. W. et al., <u>Carbohydr. Res.</u> , 1984, 127, 227.	
TM /	BD	PANKIEWICZ, K. W. et al., <u>Nucleosides & Nucleotides</u> , 1991, 10, 1333.	
TM /	BE	ROBERTS, M. et al. <u>J. Am. Chem. Soc.</u> , 1952, 74, 668.	
TM /	BF	SERGUEEVA, Z. A. et al. <u>Nucleosides Nucleotides Nucleic Acids</u> , 2000, 19, 275.	
TM /	BG	SHI et al., <u>J. Med. Chem.</u> , 1999, 42, 859.	
TM /	BH	STAVBER, S. et al. <u>J. Chem. Soc. Chem. Commun.</u> , 1983, 563.	
TM /	BI	SUHADOLNIK, R. J. et al. <u>Carbohydr. Res.</u> , 1978, 61, 545.	
TM /	BG	TANAKA, H. et al. <u>Chem. Pharm. Bull.</u> , 1983, 31, 787.	
TM /	BH	TANAKA, H. et al. <u>Tetrahedron Lett.</u> , 1979, 4755.	
TM /	BI	THURBER, T. C. et al. <u>J. Am. Chem. Soc.</u> , 1973, 95, 3081.	
TM /	BJ	THURBER, T.C. et al. <u>J. Org. Chem.</u> , 1976, 41, 1041.	
TM /	BK	TOWNSEND, L. B. et al. <u>Nucleic Acid Chem.</u> , 1978, 1, 272 and 343.	

Examiner Signature	/Traviss McIntosh III/ (12/27/2006)	Date Considered	12/27/2006
--------------------	-------------------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/045,292
				Filing Date	18 October 2001
				First Named Inventor	Stuyver, L.J. et al
				Group Art Unit	
Sheet	3	of	3	Attorney Docket Number	08841.105024

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
TM ✓	CA	VORBRUGGEN, H. et al. <u>Chem. Ber.</u> , 1981, 114, 1234.	
TM ✓	CB	WALTON, E. et al. <u>J. Am. Chem. Soc.</u> , 1964, 86, 2952.	
TM ✓	CC	WATANABE, "The Chemistry of C-Nucleosides", TOWNSEND, L. B., Ed., In <u>"Chemistry of Nucleosides and Nucleotides"</u> , Plenum Publ., New York, Vol., 3, 421, 1994	

2323214

Examiner Signature	/Traviss McIntosh III/ (12/27/2006)	Date Considered	12/27/2006
--------------------	-------------------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.